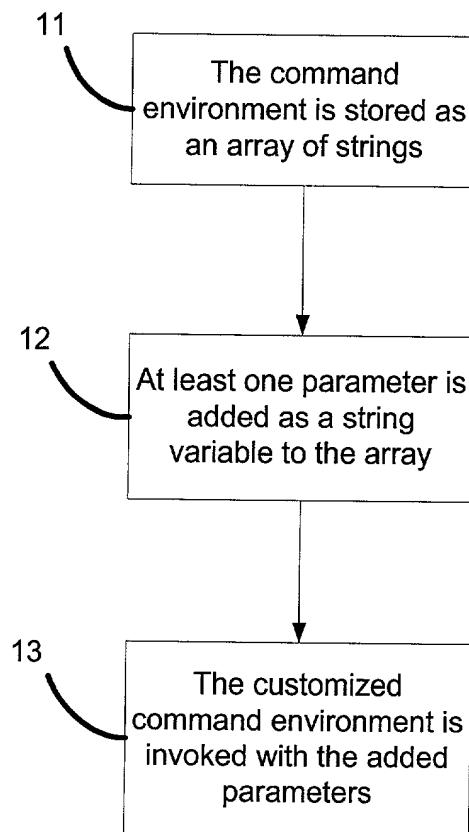


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FIG. 1

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```
public int runCommand(String stepName, String cmdName, String args[]) {  
    String cmd = prefs.getProperty(cmdName + ".cmd");  
    Vector envp = new Vector();  
    String vxargPrefix = "reportpar" + reportIndex + ".";  
25    envp.addElement("VXARG0=" + prefs.getProperty(vxargPrefix + "0", "novalue"));  
    envp.addElement("VXARG1=" + prefs.getProperty(vxargPrefix + "1", "novalue"));  
  
    envp.addElement("IWDA_WHOAMI=" + prefs.getProperty("env.whoami", "novalue"));  
30    envp.addElement("IWDA_PATH=" + prefs.getProperty("env.iwdpath", "novalue"));  
  
    envp=loadEnvp(envp);  
  
    int rc = 0;  
35    for(int i=0; i<args.length; i++) {  
        if(args[i]==null) break;  
        if(platform.startsWith("AIX")){  
            cmd = cmd+ " "+ args[i];  
40        }  
        else{  
            cmd=cmd + " \" " + args[i] + "\"";  
        }  
    }  
45    try {  
  
        String envp2[]= new String[envp.size()];  
        envp.copyInto(envp2);  
        Process cmdProc = Runtime.getRuntime().exec(cmd,envp2);  
50        rc=cmdProc.exitValue();  
        if(rc!=0) throw new Exception("rc="+rc);  
    }  
    catch (Exception e) {  
        return rc;  
55    }  
    return rc;  
}
```

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FIG. 2

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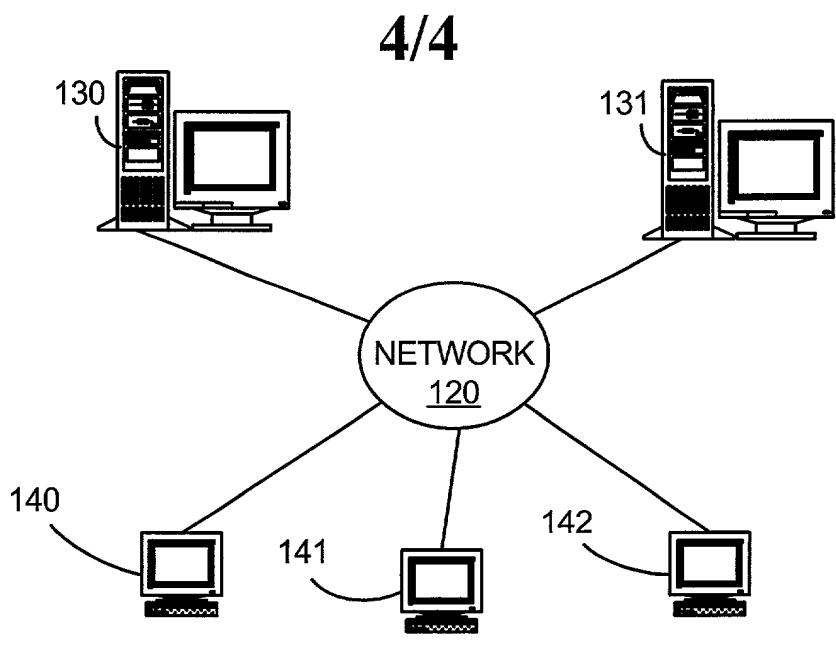
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```
public Vector loadEnvp(Vector envp) {
    String FS = File.separator;
    String envpFile=prefs.getProperty("env.iwddata") + FS + "tmp"+FS +"envpfile";
    String cmd;
    65
    if(platform.startsWith("AIX")) {
        cmd=prefs.getProperty("env.iwddata") + FS + "tmp" + FS + "createEnv.sh";
        try {
            FileOutputStream cmdos = new FileOutputStream(cmd);
            70   PrintWriter cmdLog = new PrintWriter(cmdos);
            cmdLog.println("#!/bin/sh");
            cmdLog.println("env > "+envpFile);
            cmdLog.close();
            Process cmdProc2 = Runtime.getRuntime().exec("chmod 755 "+cmd);
            cmdProc2.waitFor();
            }catch (Exception io){}
        }
    else {
        75   cmd="db2cmd -c -i -w set";
        cmd=cmd + " >" + envpFile;
        }
    try {
        80
        Process envProc =Runtime.getRuntime().exec(cmd);
        envProc.waitFor();
        FileReader fin = new FileReader(envpFile);
        BufferedReader bin = new BufferedReader(fin);
        String envpLine;
        85
        while((envpLine=bin.readLine()) != null) {
            envp.addElement(envpLine);
        }
        90
        bin.close();
        fin.close();
        }
    catch (Exception e) {
        logTrace(e);
        95
        }
    100  return envp;
}
```

60

FIG. 3

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FIG. 4